| Question 2 | 1999 - Great Lak | es Region | | | | | | | |
|-------------------------------|--|---------------------------------------|--|------------------|---|--------------|------------|--------------|----------|
| Capacity of Representative | Specific | Total MHz usable for downstream | Total MHz expected to be used for analog | , | Total MHz expected to be used for other downstream | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | |
| >750 MHz* | n/a | | | | | | | | |
| 750 MHz | A CHANGE AND A CHA | 672 | 468 | 66 | 30 | | | | <u> </u> |
| 550-750 MHz** | n/a | | | | | | | | |
| 550 MHz | Francisco (1774) | 472 | 426 | 40 | 6 | | | | |
| <550 MHz | n/a | | | | | | | | |
| + Identify any othe | r downstream servi | ces | | | | | | | |
| * fill in a capacity great | er than 750 MHz if appli | cable, or enter NA if n | o systems in the >75 | 0 MHz category | | | | | |
| | veen 550 and 750 MHz i | | | | gory | | | | |
| *** fill in a capacity belo | ow 550 MHz if applicable | e, or enter NA if no sy | stems in the <550 Mi | Hz category | | | | | |
| | | | | | | | | | |
| Please explain her | re any discrepancie | s between capaci | tv usable for dow | nstream transmis | ssions and total | capacity min | us the ban | dwidth belo | w 54 MHz |

| Question 2 | 2000 - Great Lak | es Region | | | | | | | | |
|---|--------------------------|--|---|--|--|-------------|-------------|-------------|----------|-----|
| Capacity of Representative Cable System | Specific Capacity | Total MHz usable for downstream transmissions | Total MHz expected to be used for analog video | Total MHz expected to be used for digital video | Total MHz expected to be used for other downstream services+ | | | | | |
| >750 MHz* | | | | | | | | | | |
| 750 MHz | 湖海海湖 第四 | 672 | 426 | 66 | 180+ | interactive | apps, high | speed data, | VolP, | VOD |
| 550-750 MHz** | n/a | | | | | | | | | |
| 550 MHz | 强烈() (基础)(第44 | 472 | 426 | 40 | 6+ | same | | | | |
| <550 MHz | n/a | | | | | | | | | |
| + Identify any othe | r downstream servi | ces | | | | | | | | |
| * fill in a capacity greate | er than 750 MHz if appli | cable, or enter NA if n | o systems in the >75 | 0 MHz category | | | | | <u> </u> | |
| | een 550 and 750 MHz it | | | | gory | | | 1 | | |
| *** fill in a capacity belo | ow 550 MHz if applicable | , or enter NA if no sy | stems in the <550 MI | Iz category | T | | | Ī | t | |
| | | | | | | | | | | |
| Please explain her | e any discrepancies | s between capaci | ty usable for dow | nstream transmis | sions and total | capacity mi | nus the har | dwidth helo | w 54 N | /Hz |

| Question 2 | 2001 - Great Lak | es Region | | | | | | | | |
|--|--|--|---|---|--------------------------|-------------|--------------|-------------|-----------|-----|
| | | Total MHz | Total MHz | Total MHz | Total MHz expected to be | | | | | |
| Capacity of | | usable for | expected to be | expected to be | used for other | | 1 | Ì | | } |
| Representative | Specific | downstream | used for analog | • | downstream | | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | | |
| >750 MHz* | 860 | 810 | 426 | 66 | 318+ | Interactive | apps, high | speed data | , VoIP, V | OD |
| 750 MHz | .15+15-25 -4 19- 254 6 | 672 | 426 | 66 | 180+ | same | | | T | |
| 550-750 MHz** | n/a | | | | | | | | | |
| | enigrietaradoerrenarist | 472 | 426 | 40 | 6+ | same | | | | |
| 550 MHz | | 712 | | | | | | | | |
| <550 MHz + Identify any other fill in a capacity greate | r than 750 MHz if applic | ces able, or enter NA if n | o systems in the >75 | | | | | | | |
| <550 MHz + Identify any other | n/a downstream servior than 750 MHz if applic ten 550 and 750 MHz if | ces able, or enter NA if n applicable, or enter N | o systems in the >75 IA if no systems in th | e 550-750 MHz categ | ory | | | | | |
| <550 MHz + Identify any other fill in a capacity greate * fill in a capacity between | n/a downstream servior than 750 MHz if applicable | Ces able, or enter NA if n applicable, or enter N or enter NA if no sys | o systems in the >75 IA if no systems in th stems in the <550 MF | e 550-750 MHz categ dz category | | capacity n | ninus the ba | andwidth be | low 54 MH | IZ. |
| 550 MHz Identify any other fill in a capacity greate fill in a capacity between fill in a capacity below. Please explain here | n/a r downstream serviors r than 750 MHz if applicates 550 and 750 MHz if w 550 MHz if applicable any discrepancies | ces able, or enter NA if napplicable, or enter NA if no system or enter NA if no system capacity | o systems in the >75 IA if no systems in the stems in the <550 MH ity usable for dov | e 550-750 MHz categ dz category wnstream transmi | | capacity n | ninus the ba | andwidth be | low 54 MH | IZ. |
| <550 MHz + Identify any other fill in a capacity greate • fill in a capacity betwee • fill in a capacity below Please explain here Column D is heade | n/a downstream service of the following than 750 MHz if applicable of the following than 350 MHz if applicable | ces able, or enter NA if napplicable, or enter Na if no system or enter NA if no system capacity between capacity content to be use | o systems in the >75 IA if no systems in the stems in the <550 MH ity usable for dov | e 550-750 MHz categ dz category wnstream transmi | | capacity n | ninus the ba | andwidth be | low 54 MH | Z. |
| 550 MHz Identify any other fill in a capacity greate fill in a capacity between fill in a capacity below Please explain here Column D is heade | n/a downstream service of the following than 750 MHz if applicable of the following than 350 MHz if applicable | ces able, or enter NA if napplicable, or enter Na if no system or enter NA if no system capacity between capacity content to be use | o systems in the >75 IA if no systems in the tems in the <550 MH ty usable for dover the tems in the temp in the tems in the temp in the | e 550-750 MHz categ Hz category vnstream transmi | ssions and total | capacity n | ninus the ba | andwidth be | low 54 MH | IZ. |
| 550 MHz Identify any other fill in a capacity greate fill in a capacity between fill in a capacity below Please explain here Column D is heade | n/a downstream service of the following than 750 MHz if applicable of the following than 350 MHz if applicable | ces able, or enter NA if napplicable, or enter Na if no system or enter NA if no system capacity between capacity content to be use | o systems in the >75 IA if no systems in the stems in the <550 Mb Ity usable for dove Ith do for analog vide | e 550-750 MHz categ dz category vnstream transmi eo" MHz Used | ssions and total | capacity n | ninus the ba | andwidth be | low 54 MH | IZ. |
| 550 MHz Identify any other fill in a capacity greate fill in a capacity between fill in a capacity below Please explain here Column D is heade | n/a downstream service of the following than 750 MHz if applicable of the following than 350 MHz if applicable | ces able, or enter NA if napplicable, or enter Na if no system or enter NA if no system capacity between capacity content to be use | o systems in the >75 IA if no systems in the stems in the <550 Mb ty usable for dov d for analog vide Channels 2-4 | e 550-750 MHz cated dz category vnstream transmi eo" MHz Used | ssions and total | capacity n | ninus the ba | andwidth be | low 54 MH | Z. |
| <550 MHz + Identify any other fill in a capacity greate • fill in a capacity betwe • fill in a capacity below | n/a downstream service of the following than 750 MHz if applicable of the following than 350 MHz if applicable | ces able, or enter NA if napplicable, or enter Na if no system or enter NA if no system capacity between capacity content to be use | o systems in the >75 IA if no systems in the stems in the <550 Mb ty usable for dov d for analog vide Channels 2-4 5-6 | e 550-750 MHz cated to category vnstream transmi o" MHz Used 18 | ssions and total | capacity n | ninus the ba | andwidth be | low 54 MH | Z. |

| Question 2 | 2002 - Great Lak | es Region | | | | | | | | | |
|--|--|--|---|---|------------------|-------------|--------------|----------|-----------|--------|---|
| | | | | | Total MHz | | | | | | |
| | | Total MHz | Total MHz | Total MHz | expected to be | | | | | | |
| Capacity of | | usable for | expected to be | expected to be | used for other | |] | } | 1 | Ì | |
| Representative | Specific | downstream | used for analog | used for digital | downstream | | | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | | | |
| -750 MHz* | 860 | 810 | 426 | 108 | 240+ | Interactive | apps, high | speed d | ata, Voll | P, VOD | |
| 750 MHz | AND SUPLANS | 672 | 426 | 108 | 138+ | same | | | | | |
| 550-750 MHz** | n/a | | | | | | | | | | _ |
| 550 MHz | Charles Acceptable | | | | | | | | | | |
| | n/a | | | | | | | | | | |
| + Identify any othe | r downstream servi | cable, or enter NA if n | | | | | | | | | |
| fill in a capacity great | r downstream servi | cable, or enter NA if n | NA if no systems in th | ne 550-750 MHz cate | gory | | | | | | |
| Identify any other fill in a capacity greate fill in a capacity between fill in a capacity between fill in a capacity between | er downstream servi er than 750 MHz if applicates 550 and 750 MHz if opplicable on 550 MHz if applicable any discrepancie | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac | NA if no systems in the stems in the <550 Me | ne 550-750 MHz cated Hz category Wnstream transmi | 1 | capacity n | ninus the ba | andwidth | below 54 | MHz. | |
| Identify any other fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the capacity and capacity between the capacity and capacity between the capacity and capacity a | er downstream servi er than 750 MHz if applicate from 550 and 750 MHz if applicable from 550 MHz if ap | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb ity usable for dov | ne 550-750 MHz cated Hz category Wnstream transmi | 1 | capacity n | ninus the ba | andwidth | below 54 | ↓ MHz. | |
| Identify any other fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the capacity and capacity between the capacity and capacity between the capacity and capacity a | er downstream servi er than 750 MHz if applicates 550 and 750 MHz if opplicable on 550 MHz if applicable any discrepancie | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb ity usable for doved for analog vide Channels | ne 550-750 MHz cated Hz category wnstream transmi eo" MHz Used | ssions and total | capacity n | ninus the ba | andwidth | below 54 | MHz. | |
| fill in a capacity greater fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the column D is head. | er downstream servi er than 750 MHz if applicate from 550 and 750 MHz if applicable from 550 MHz if ap | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb ity usable for doved for analog vide Channels 2-4 | ne 550-750 MHz cated Hz category Wnstream transmi eo" MHz Used 18 | ssions and total | capacity n | ninus the ba | andwidth | below 54 | MHz. | |
| fill in a capacity greater fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the column D is head. | er downstream servi er than 750 MHz if applicate from 550 and 750 MHz if applicable from 550 MHz if ap | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb ity usable for doved for analog vide Channels 2-4 5-6 | ne 550-750 MHz cated Hz category Winstream transmi Heo" MHz Used 18 | ssions and total | capacity n | ninus the ba | andwidth | below 54 | ↓ MHz. | |
| Identify any other fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the capacity and capacity between the capacity and capacity between the capacity and capacity a | er downstream servi er than 750 MHz if applicate from 550 and 750 MHz if applicable from 550 MHz if ap | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb stems in the <550 Mb stems in the <550 Mb stems in the conditions and the conditions are considered as a condition of the conditions are conditions as a condition of the conditions are conditional conditions. | wnstream transmi eo" MHz Used 12 384 | ssions and total | capacity n | ninus the ba | andwidth | below 54 | ↓ MHz. | |
| Identify any other fill in a capacity greater fill in a capacity between fill in a capacity between fill in a capacity between the capacity and capacity between the capacity and capacity between the capacity and capacity a | er downstream servi er than 750 MHz if applicate from 550 and 750 MHz if applicable from 550 MHz if ap | cable, or enter NA if n applicable, or enter N e, or enter NA if no sys s between capac expected to be use | NA if no systems in the stems in the <550 Mb ity usable for doved for analog vide Channels 2-4 5-6 | ne 550-750 MHz cated Hz category Winstream transmi Heo" MHz Used 18 | ssions and total | capacity m | ninus the ba | andwidth | below 54 | ↓ MHz. | |

| Question 2 | 2003 - Great Lak | es Region | | | | | | | | |
|----------------------------|--|------------------------|------------------------|---------------------|-----------------------------|-------------|-------------|--|------------|-----|
| | | Total MHz | Total MHz | Total MHz | Total MHz expected to be | | | | | |
| Capacity of | | usable for | expected to be | expected to be | used for other | | | | | |
| Representative | Specific | downstream | used for analog | 1 ' | downstream | | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | į | | - |
| >750 MHz* | 860 | | | | | Interactive | apps, high | speed data. | VoIP, VOD |) |
| 750 MHz | Children College | | | | | same | | <u> </u> | | |
| 550-750 MHz** | n/a | | | | | | | | | |
| 550 MHz | n/a | | | | | | | | | - |
| <550 MHz | n/a | | | | | | | | | |
| ** fill in a capacity betw | er than 750 MHz if applic veen 550 and 750 MHz if ow 550 MHz if applicable | applicable, or enter N | NA if no systems in th | e 550-750 MHz categ | јогу | | | | | |
| Please explain he | re any discrepancie | s between capac | ty usable for dov | vnstream transmi | ssions and total | capacity m | inus the ba | ndwidth belo | ow 54 MHz. | |
| Column D is head | ed as "Total MHz ex | pected to be use | d for analog vide | | | | | | | |
| | usage is as follows: | | Channels | MHz Used | | | | | | |
| | | | 2-4 | 18 | | <u> </u> | | | | |
| | | | 5-6 | 12 | | | | <u> </u> | | |
| | 1 | | 7-70 | 384 | | | | | | |
| • | | | A-1 / A-5 | 12 | | | | | | |
| | | | Total | 426 | | | | | | |
| | | | | | | | | | | |
| Remaining MHz u | nusable for video (a | nalog or digital) b | etween channel | s 4 and 5 (10 MH | z) and the FM E | and (88-10 | 8 MHz/20 N | Hz total). | | - 1 |

| 200 | 1 | : | | | | | | | | | | | |
|--|-------------------------|------------------------|----------------------|------------------|------------------|----------|-------|---------|---------|-------------|---------------|----------|-----|
| Question 2 | Western Region | FCC Reply | | | | | | | 1 | | | | |
| | | <u></u> | - | | | | _ | | | | | | |
| | į | | | | Total MHz | | | | | | | | |
| | ļ | Total MHz | Total MHz | Total MHz | expected to be | | | | | | | [| |
| Capacity of | | usable for | | expected to be | used for other | | | | | | | | |
| Representative | Specific | downstream | used for analog | 1 . | downstream | | - | | | | | - | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | | | | ļ | |
| >750 MHz* | 860 Mhz | 810 MHz | 500 MHz | 174 MHz## | 136 MHz+ | Docsis, | Tele | phony. | VOD | | | | |
| 750 MHz | Managara (S. | 700 MHz | 500 MHz | 174 MHz## | 26 MHz+ | Docsis, | | | | | | | |
| 550-750 MHz** | N/A | | <u> </u> | | <u> </u> | | T | <u></u> | | | | | |
| 550 MHz | de financia de la | 500 MHz | 420 MHz | 54 MHz## | 26 MHz+ | Docsis, | Tele | phony, | VOD | | | _ | |
| <550 MHz | N/A | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| + Identify any other | downstream servi | ices | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| ##The 174 MHz an | d the 54 MHz are | currently used fo | r digital video | | | | | | | | | | |
| | | | | | | | | | | | | | |
| fill in a capacity greater | | | | | | | | | | | | | |
| ** fill in a capacity betwe | | | | | jory | | - | | | | | | |
| fill in a capacity below | w 550 MHz if applicable | , or enter NA if no sy | stems in the <550 MH | z category | | | | | | | | + | |
| Diagos avalais bar | a any diaorananaia | . h-h | | | 1 | | | | h a = d | .: - 4 - | 54.84 | 1 | |
| Please explain her | e any discrepancie | s between capac | only usable for dov | vnstream transm | issions and tota | capacity | y min | ius tne | wandw | nath be | IOW 54 M | mz. | |
| This chart reflects t | the current canacit | y and offerings | Drainations for thi | L | t available. The | above r | ofore | nood b | - L | dthe es | - fully estil | izad far | |
| This chart reflects t respective services | | | | s region were no | Tavallable. The | above-r | eiele | enceu (| anuwi | ums are | iuny um | ized for | ine |
| respective services | , with no excess C | apacity for addition | onai onenngs. | ! | ! | 1 | | | | | | l | _ |

| Question 2 | | | | | | | | | | |
|---|------------------------|--|---|--|--|--------------|--------------|-------------|--------------|--|
| Southeast Area | 1999 | | | | | | | | | |
| Capacity of Representative Cable System | Specific Capacity | Total MHz usable for downstream transmissions | Total MHz expected to be used for analog video | Total MHz expected to be used for digital video | Total MHz expected to be used for other downstream services+ | | | | | |
| >750 MHz* | Cupucity | (1011)13310113 | Video | Video | COLVINCS. | | | | | |
| 750 MHz | | 696 | 496 | 0 | 18+ | HSD | | | | |
| 550-750 MHz** | | | | | | | | | | |
| 550 MHz | | | | w 12 | | | | | | |
| <550 MHz | 450 | 396 | 396 | 0 | 0 | | | | | |
| + The 18 MHz is u | sed for High S | peed Data | | | | | | | | |
| * fill in a capacity greate | er than 750 MHz if | applicable, or enter N | IA if no systems in the | >750 MHz category | | | | | | |
| ** fill in a capacity betw | een 550 and 750 l | MHz if applicable, or e | enter NA if no systems | in the 550-750 MHz | ategory | | | | | |
| *** fill in a capacity belo | w 550 MHz if appl | icable, or enter NA if | no systems in the <550 | MHz category | | | | | | |
| | | | | | | | | | | |
| Please explain her | e any discrepa | ncies between ca | pacity usable for d | ownstream trans | missions and tota | I capacity m | inus the bar | dwidth belo | w 54 MHz. | |

| Question 2 | į. | i | | | | | | | | |
|---|----------------------|--|---|--|--|--|--------------|-------------|------------|--|
| Southeast Area | 2000 | | | | | | | | | |
| Capacity of Representative Cable System | Specific Capacity | Total MHz usable for downstream transmissions | Total MHz expected to be used for analog video | Total MHz expected to be used for digital video | Total MHz expected to be used for other downstream services+ | | | | | |
| >750 MHz* | 1 | | | | | | | | | |
| 750 MHz | A.C. District | 696 | 496 | 72 | 18+ | HSD | | | | |
| 550-750 MHz** | | | | | | | | | | |
| 550 MHz | THE WHILE T | | | | | | *** | | | |
| <550 MHz | 450 | 396 | 396 | 48 | 6+ | HSD | | | | |
| + The 18 MHz and | 6 MHz are use | d for High Speed | l Data | | | Annual Section of the Contract | | | | |
| * fill in a capacity great | er than 750 MHz if | applicable, or enter | NA if no systems in th | e >750 MHz categor | y | | | | | |
| ** fill in a capacity betw | reen 550 and 750 N | ИНz if applicable, or | enter NA if no system | s in the 550-750 MH | z category | | | | | |
| *** fill in a capacity belo | ow 550 MHz if appl | icable, or enter NA it | no systems in the <5 | 50 MHz category | | | | | | |
| | | | | | | | | | | |
| Please explain her | e any discrepar | ncies between ca | pacity usable for | downstream tran | smissions and tot | al capacity | minus the ba | andwidth be | low 54 MHz | |

| Question 2 | | | | | | | | | | |
|-----------------------------|--------------------|--|--|---------------------|---------------------------------------|-------------|--------------|--------------|-----------------|----------------|
| Southeast Area | 2001 | | | | | | | | | |
| | | | 1 | | | | | | | |
| | | İ | | | | | | | | į. |
| | | l | | | Total MHz | | | | | |
| | | Total MHz | Total MHz | Total MHz | expected to be | | | | | |
| Capacity of | | usable for | | | used for other | | | 1 | 1 | |
| • | Chapter | | | expected to be | 1 1 | | | | | l |
| Representative | Specific | downstream | 1 | used for digital | downstream | | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | | |
| >750 MHz* | | | | | <u> </u> | | | | <u> </u> | |
| 750 MHz | i. Satisfied | 696 | 496 | 144## | 56+ | HSD | | <u> </u> | | |
| 550-750 MHz** | | | | | | | | <u> </u> | | |
| 550 MHz | オジンが発 | | | | | | | | | |
| <550 MHz | 450 | 396 | 342 | 48## | 6+ | HSD | | | | |
| | | - | + | 1 | | | | - | | - |
| + The 18 MHz and | 6 MHz are use | d for High Speed | 1 Data | | · | | | + | - | |
| TITIE TO WITH ATIL | o MITZ are use | a ioi riigii Speed | a Data | | ļ | | · | | | - |
| | | 1 | 4 | | | | | | | |
| ##The 144 MHz ar | nd the 48 MHz a | are currently use | d for digital video | | | | ļ | | | |
| | | | 1 | | | | | | <u></u> | |
| * fill in a capacity great | er than 750 MHz if | applicable, or enter | NA if no systems in th | e >750 MHz categor | y | | | | | |
| ** fill in a capacity betw | een 550 and 750 t | MHz if applicable, or | enter NA if no system | s in the 550-750 MH | z category | | | | | |
| *** fill in a capacity belo | | ment of the control o | | | | | 1 | | | |
| | | | | T . | · · · · · · · · · · · · · · · · · · · | | † | | † | t |
| Please explain her | e any discrena | ncies between ca | anacity usable for | downstream tran | smissions and tot | al canacity | minus the h | andwidth be | low 54MHz | |
| - ICOSC CAPIDITITIO | daily disorcpar | TOTO DOLLATORITOR | apacity asable for | domination than | ornicolorio and tot | ar Jupucity | Thirds the b | and width be | 1017 071VII 12. | |
| | | | | <u></u> | | | | + | ļ | |
| | | | A Committee of the Comm | I . | 1 [| | 1 | 1 | 1 | 1 |
| | î *· | | | | · | | | | | |

| Question 2 | 1 | | | | | | | | | |
|-------------------------------|--------------------|------------------------|------------------------|--------------------|---------------------------------------|-------------|--------------|-------------|--------------|---------------------------------------|
| Southeast Area | 2002 | | | | | | | | | |
| | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | | l | | |
| | | ļ | | | | | | | | |
| | | | | | Total MHz | | | | | |
| | | Total MHz | Total MHz | Total MHz | expected to be | | | | | |
| Capacity of | | usable for | expected to be | expected to be | used for other | | | | Ì | |
| Representative | Specific | downstream | used for analog | used for digital | downstream | | | | | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | | |
| >750 MHz* | 860 | 806 | 496 | 144## | 166+ | | | | | |
| 750 MHz | Date Strike | 696 | 496 | 144## | 56+ | | | | | |
| 550-750 MHz** | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| 550 MHz | SHE KITCH | | | | | | | | | |
| <550 MHz | | | | | | | <u> </u> | | | |
| | | | | | | | | | | |
| +used for High Spe | ed Data and a | dditional services | i.e. interactive a | pps VolP VOD | | | | | | |
| | 7 | | | | | | | | | |
| ##The 144 MHz are | : currently use | d for digital video | and will continue | to be used for di | gital video servic | es | | | | |
| | T | l lor algital video | | 10 00 0000 101 01 | T | | | | | |
| * fill in a capacity greater | than 750 MHz if | annlicable or enter N | IA if no eveteme in th | e >750 MHz categor | <u></u> | | | | | |
| | | | | | | | | | | |
| ** fill in a capacity between | | | | | category | | | | | |
| *** fill in a capacity below | v 550 MHz if appl | icable, or enter NA if | no systems in the <5 | 50 MHz category | | | | <u> </u> | ļ | |
| p | ļ | | <u> </u> | | | | | | | |
| Please explain here | any discrepai | ncies between ca | pacity usable for | downstream trans | smissions and tot | al capacity | minus the ba | andwidth be | low 54 MHz | |

| Question 2 | : | | | | | | | | | |
|-------------------------------|-----------------|---------------------------------------|-----------------------|--------------------|---------------------|-------------|-------------|-------------|------------|-------------|
| Southeast Area | 2003 | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | Total MHz | | | | | |
| | | Total MHz | Total MHz | Total MHz | expected to be | | | | | |
| Capacity of | | usable for | expected to be | expected to be | used for other | | | | | |
| Representative | Specific | downstream | used for analog | used for digital | downstream | | | | ĺ | |
| Cable System | Capacity | transmissions | video | video | services+ | | | | • | |
| >750 MHz* | 860 | 806 | 496 | 144## | 166+ | | | | | |
| 750 MHz | | 696 | 496 | 144## | 56+ | | | | | |
| 550-750 MHz** | | | | | | | | | | |
| 550 MHz | The Graph | | | | | | | | | |
| <550 MHz | | | | | | | | | | |
| +used for High Spee | ed Data and a | dditional services | , I.e., interactive a | apps, VolP, VOD | | | | | | |
| ##The 144 MHz are | currently use | d for digital video | and will continu | e to be used for c | ligital video servi | ces. | | | | |
| * fill in a capacity greater | | | | | | | | | | |
| ** fill in a capacity between | | · · · · · · · · · · · · · · · · · · · | | | category | | | | | |
| *** fill in a capacity below | 550 MHz if appl | icable, or enter NA if | no systems in the <5 | 50 MHz category | | | | | | |
| Please explain here | any discrepai | ncies between ca | pacity usable for | downstream trans | smissions and tot | al capacity | minus the b | andwidth be | low 54 MHz | |

| Question 3 | 1999 - Great Lal | es Region | | | | | | | | | |
|--------------------------------|------------------------------|---|----------------------|----------------------------|-------------------|--------------------------|---------------|---|--------------|-------------|------|
| | | Total MHz expected to be used for | | MHz expected to be devoted | | MHz expected to be | | | | | |
| | | digital video | | to HDTV | HDTV | devoted to | l | | | | |
| Capacity of | | transmission | | transmissions | Program | i . | program | | | | |
| Representative | Specific | (from question | l . | (broadcast or | streams per 6 | definition | streams | | | | |
| Cable System | Capacity | 2) | technique | nonbroadcast) | MHz | video | per 6 MHz | | | | |
| >750 MHz* | n/a | | | | | | | | | | |
| 750 MHz | Military Spaces | 66 | 256Q | 0 | na | | | | | <u> </u> | |
| 550-750 MHz** | n/a | | | | | | | L | | | L |
| 550 MHz | 为19 14年2月 期 8月 | 40 | 256Q | 0 | na | L | <u> </u> | | | | |
| <550 MHz | n/a | | | | | | | | | | |
| * fill in a capacity greater t | | | | | jory | | | | | | |
| *** fill in a capacity below | 550 MHz if applicable, | or enter NA if no sy | stems in the <550 MH | tz category | | | | | | | |
| Please describe her | e any situations ir | which you pla | n to use different | modulation tech | niques on a sing | gle system o | or on differe | nt systems | in the same | capacity cl | ass. |
| | 1 | | | <u> </u> | | | | | | | |
| | | <u> </u> | | 1 | | | | *************************************** | | | |
| If the number of HD | TV program strea | ms per 6 MHz i | s expected to va | ry, please explai | n the range of va | ariation here |). | | | | |
| If the number of SD | TV program strea | ms per 6 MHz i | s expected to var | ry, please explair | n the range of va | ariation here |). | | | | |

•

| Question 3 | 2000 - Great Lakes Region | | | | | | | | | | |
|--|---------------------------------------|--|--|--|---|---|---|------------|-------------|--------------|------|
| Capacity of Representative Cable System | Specific Capacity | Total MHz expected to be used for digital video transmission (from question 2) | Modulation technique | MHz expected to be devoted to HDTV transmissions (broadcast or nonbroadcast) | HDTV Program streams per 6 MHz | MHz expected to be devoted to standard definition video | SDTV program streams per 6 MHz | | | | |
| >750 MHz* | | | | | | | | | | | |
| 750 MHz | ····································· | 66 | 256Q | 0 | na | | | | | | |
| 550-750 MHz** | | | | | | | | | | | |
| 550 MHz | Artin Contra | 40 | 256Q | 0 | na | | | | | | ··· |
| <550 MHz | | | | | | | | | | | |
| * fill in a capacity greater ** fill in a capacity betwee *** fill in a capacity below | en 550 and 750 M Hz if a | applicable, or enter I | NA if no systems in th | ne 550-750 MHz categ | lory | | | | | | |
| Please describe he | re any situations in | which you plai | n to use different | modulation tech | niques on a sin | gle system (| or on differe | nt systems | in the same | capacity cla | ass. |
| | • | | A | | | | | | | | |
| If the number of HD | | | - · - · · · · · · · · · · · · · · · · · | | | | | | | | |
| If the number of SD | TV program strea | ms per 6 MHz is | expected to va | ry, please explair | the range of va | ariation here | e | | | | |

| Question 3 | 2001- Great Lak | es Region | | | _ | | | | | | |
|-------------------------------|--------------------------|------------------------|------------------------|----------------------|------------------|---------------|---------------|--------------|-------------|-------------|------|
| | | | | | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | |
| | | Total MHz | | | | MHz | | | | | |
| | | expected to | | MHz expected | | expected | | | | | |
| | : | be used for | | to be devoted | | to be | | | | | |
| | | digital video | | to HDTV | HDTV | devoted to | SDTV | | | | |
| Capacity of | | transmission | | transmissions | Program | standard | program | | | | |
| Representative | Specific | (from question | Modulation | (broadcast or | streams per 6 | definition | streams | | | | 1 |
| Cable System | Capacity | 2) | technique | nonbroadcast) | MHz | video | per 6 MHz | | | | |
| >750 MHz* | 860 | 66 | 256Q | 0 | na | 500 | | | | | |
| 750 MHz | State of the second | 66 | 256Q | 0 | na | 500 | | | | | |
| 550-750 MHz** | | | | | | | | | | | |
| 550 MHz | 经数据的数据 | 40 | 256Q | 0 | na | 500 | | | | | |
| <550 MHz | | | | | | | | | | | |
| | | | | 1 | | | | | | | |
| * fill in a capacity greater | than 750 MHz if applica | able, or enter NA if n | o systems in the >75 | 0 MHz category | | | <u> </u> | | | | |
| ** fill in a capacity between | en 550 and 750 MHz if | applicable, or enter i | NA if no systems in th | ie 550-750 MHz categ | ory | | | | ļ | | |
| *** fill in a capacity below | v 550 MHz if applicable, | or enter NA if no sy | stems in the <550 MH | Iz category | | | ļ | | | | |
| (| | i j | | · | <u> </u> | ļ <u>.</u> | 11.00 | l | <u> </u> | <u> </u> | |
| Please describe he | ere any situations ii | n which you plai | n to use different | modulation tech | niques on a sing | gle system (| or on differe | nt systems | in the same | capacity cl | ass. |
| | • | • | | | | | | | ļ | ļ | |
| | | i | | j | | | | | | ļ | |
| ے۔'دو ایا اس _{ال} وں | , | | L | | <u> </u> | .l. <u></u> | | | | | |
| If the number of HE | OTV program strea | ms per 6 MHz i | s expected to va | ry, please explaii | the range of v | ariation here | 9. T | | | | |
| | | 1 | <u> </u> | i | <u> </u> | <u> </u> | 1 | ļ | <u> </u> | | |
| If the number of SE | ו∨ program strea | ms per 6 MHz is | s expected to va | ry, please explair | the range of va | ariation here | €. | | | | |

| Question 3 | 2002 - Great Lal | kes Region | | | | | | | | | |
|--|----------------------------|----------------------|---------------------|---------------------|-------------------|---------------|----------------|------------|-------------|----------------|----------|
| | | | | | | | | | | 1 | |
| | | Total MHz | | | | MHz | | | | | |
| | | expected to | | MHz expected | | expected | | | | 1 | |
| | | be used for | | to be devoted | 1 | to be | 1 | | |) | |
| | | digital video | | to HDTV | HDTV | devoted to | SDTV | | | | |
| Capacity of | | transmission | | transmissions | Program | standard | program | | ļ | 1 | |
| Representative | Specific | (from question | Modulation | (broadcast or | streams per 6 | definition | streams | | | | |
| Cable System | Capacity | 2) | technique | nonbroadcast) | MHz | video | per 6 MHz | | | | |
| >750 MHz* | 860 | 108 | 256Q | 6 | ? | 500 | 8 | | | | |
| 750 MHz | JESPHISH WAY | 108 | 256Q | 6 | ? | 500 | 8 | | | | |
| 550-750 MHz** | | | | | | | | | | | |
| 550 MHz | ARRIVERS I | | | | | | | | | | |
| <550 MHz | | | | | | | | | | | |
| | | | | | | | | | | | |
| the second secon | er than 750 MHz if applica | | | | <u></u> | | | | <u> </u> | | |
| and the second section of the second | een 550 and 750 MHz if a | | | | jory | | ļ | | | | |
| ** fill in a capacity below | w 550 MHz if applicable, | or enter NA if no sy | stems in the <550 M | 1Hz category | | | | | L | | |
| | | l | ļ | | <u> </u> | 4, | | | | <u> </u> | |
| Please describe he | ere any situations in | י which you pla | n to use differer | nt modulation tech | niques on a sin | gle system | or on differe | nt systems | in the same | e capacity cla | <u> </u> |
| | | | · | | | ļ | | | | | |
| | | · - | | | | ļ | ļ | | | | |
| | | | · | 1 | <u> </u> | <u> </u> | | | | | |
| the number of H | DTV program strea | ms per 6 MHz i | s expected to v | ary, please explai | n the range of v | ariation here | 3. T | | ļ | | |
| نم | | ļ | <u> </u> | _L | 1 | 1 | <u> </u> | ļ <u>-</u> | | ļ <u> </u> | |
| rthe number of St | DTV program strea | ms per 6 MHz i: | s expected to va | ary, please explaii | n the range of va | ariation here | €. | | | | |

| Question 3 | 2003 - Great Lal | kes Region | | | | | | | | | |
|-------------------------------|-------------------------|------------------------|------------------------|----------------------|------------------|---------------|---------------|-------------|--|-------------|-------------|
| | | Total MHz | | | | MHz | | | | | |
| | | | | MI I average | | 1 | | | | | ĺ |
| | | expected to | | MHz expected | | expected | | | | | l |
| | | be used for | | to be devoted | | to be | 007/ | | | | ĺ |
| 0 '1 (| | digital video | | to HDTV | HDTV | devoted to | 1 | | | 1 | ĺ |
| Capacity of | | transmission | | transmissions | Program | 4 | program | | 1 | | i |
| Representative | Specific | (from question | | (broadcast or | streams per 6 | definition | streams | | | | 1 |
| Cable System | Capacity | <u> </u> | technique | nonbroadcast) | MHz | video | per 6 MHz | | | | <u> </u> |
| >750 MHz* | 860 | | 256Q | | ? | 500 | <u> </u> | | | | |
| 750 MHz | All properties we | 108 | 256Q | 6 | ? | 500 | 8 | | | | |
| 550-750 MHz** | | | | | | | | | | | |
| 550 MHz | Forest Watership | | | | | | | | | | |
| <550 MHz | | | | | | | | | | | |
| | i | | | | | | | | | | |
| * fill in a capacity greater | than 750 MHz if applica | able, or enter NA if n | o systems in the >75 | 0 MHz category | | | | | | | |
| ** fill in a capacity between | en 550 and 750 MHz if a | applicable, or enter I | NA if no systems in th | ne 550-750 MHz categ | ory | | I | | | | |
| *** fill in a capacity below | 550 MHz if applicable, | or enter NA if no sy | stems in the <550 MI | Hz category | | | | | | | |
| | | | | | | | | | | | |
| Please describe her | re any situations ir | which you plai | n to use different | t modulation tech | niques on a sing | gle system (| or on differe | nt systems | in the same | capacity cl | ass. |
| | | | | | | | | | | | |
| | Ī | | | | | | | | | | |
| | | | | | | 1 | | | | | i |
| If the number of HD | TV program strea | ms per 6 MHz i | s expected to va | ry, please explair | the range of va | ariation here | → | | † · · · | | |
| | | | <u></u> | | | | | | | | |
| If the number of SD | TV program stream | ms per 6 MHz is | expected to va | rv. please explair | the range of va | ariation here | | ······ | | | |

| 2001 | | | | | | | | | | | |
|------------------------------|------------------------|----------------------|----------------------|---------------------|------------------|---------------|---------------|------------|------------|---------------|------|
| Question 3 | Western Region | FCC reply | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | [, | | | | | |
| | | Total MHz | | l | [| MHz | | | | | |
| | | expected to | | MHz expected | | expected | | | | | |
| | 1 | be used for | | to be devoted | | to be | | | | | |
| | , | digital video | | to HDTV | HDTV | devoted to | l | | | | |
| Capacity of | | transmission | , | transmissions | Program | standard | program | 1 | | | |
| Representative | Specific | (from question | Modulation | (broadcast or | streams per 6 | definition | streams | | | | |
| Cable System | Capacity | 2) | technique | nonbroadcast) | MHz | video | per 6 MHz | | | | |
| >750 MHz* | 860 Mhz | 174 Mhz | 64 QAM | 6 Mhz | Unknown | 168 | 8 - 12 | | | | |
| 750 MHz | | 174 Mhz | 64 QAM | 6 Mhz | Unknown | 168 | 8 - 12 | | | | |
| 550-750 MHz** | N/A | | | | | | | | | | |
| 550 MHz | J Addition of | 54 Mhz | 64 QAM | 6 Mhz | Unknown | 54 | 8 - 12 | | | | |
| <550 MHz | N/A | | | | | | | | | | |
| | | | | | | | | | | | |
| fill in a capacity greater t | than 750 MHz if applic | able, or enter NA if | no systems in the > | 750 MHz category | | | | | | | |
| * fill in a capacity betwee | n 550 and 750 MHz if | applicable, or enter | NA if no systems in | the 550-750 MHz cat | egory | | | | | | |
| *** fill in a capacity below | 550 MHz if applicable | or enter NA if no s | ystems in the <550 I | MHz category | | | | | | | |
| | | | | | | | | | I | | |
| Please describe her | e any situations ir | n which you plan | n to use differen | t modulation tech | niques on a sing | gle system o | or on differe | nt systems | in the sam | e capacity cl | ass. |
| | | | | | | | | | | | |
| If the number of HD | | ms per 6 MHz is | s expected to va | ry, please explair | the range of va | ariation here |). | ļ <u></u> | | | |
| This information is unk | | | | | | | | | | | |
| f the number of SDT | ΓV program strear | ms per 6 MHz is | expected to va | ry, please explair | the range of va | ariation here |). | | | | |
| The variation is base | ed on different par | yloads by service | ce (64 QAM can | be up to 12 chan | nels) | | | | | | |
| ach service payloa | d and compression | on is slightly diff | erent, therefore | there can be a di | fferent number | of channels | per 6 MHz | | | | |

| Southeast Area | 1999 | | | | | | rr | | | · · · · · · · · · · · · · · · · · · · |
|---|----------------------|--|--|--------------------------------|-----------------|------------|---|---|--|---------------------------------------|
| Capacity of Representative Cable System | Specific Capacity | Total MHz expected to be used for digital video transmission (from question 2) | Modulation technique | transmissions (broadcast or | HDTV Program | definition | SDTV program streams per 6 MHz | | | |
| >750 MHz* | | <u> </u> | | | | | ľ | · · · · · · · · · · · · · · · · · · · | | † · · · · · |
| 750 MHz | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 550-750 MHz** | | | | | | | | | | |
| 550 MHz | | | | | | T | | | | <u> </u> |
| <550 MHz | 450 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

^{*} fill in a capacity greater than 750 MHz if applicable, or enter NA if no systems in the >750 MHz category

Please describe here any situations in which you plan to use different modulation techniques on a single system or on different systems in the same capacity class.

If the number of HDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

If the number of SDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

^{**} fill in a capacity between 550 and 750 MHz if applicable, or enter NA if no systems in the 550-750 MHz category

^{***} fill in a capacity below 550 MHz if applicable, or enter NA if no systems in the <550 MHz category

| Southeast Area | 2000 | | | <u> </u> | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | · · · · · · · · · · · · · · · · · · · | | | |
|---|----------------------|--|-------------------------|--------------------------------|---|---|---|------|-------------|--|
| Capacity of Representative Cable System | Specific Capacity | Total MHz expected to be used for digital video transmission (from question 2) | Modulation technique | transmissions (broadcast or | | MHz expected to be devoted to standard definition video | SDTV program streams per 6 MHz | | | |
| >750 MHz* | | | | | | | | | | |
| 750 MHz | | 72 | 64 QAM | 0 | 0 | 0 | 8 | | | |
| 550-750 MHz** | | | | | | | | | | |
| 550 MHz | | | | | | | | | | |
| <550 MHz | 450 | 48 | 64 QAM | 0 | 0 | 0 | 8 | | | |

^{*} fill in a capacity greater than 750 MHz if applicable, or enter NA if no systems in the >750 MHz category

Please describe here any situations in which you plan to use different modulation techniques on a single system or on different systems in the same capacity class.

If the number of HDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

If the number of SDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

^{**} fill in a capacity between 550 and 750 MHz if applicable, or enter NA if no systems in the 550-750 MHz category

^{***} fill in a capacity below 550 MHz if applicable, or enter NA if no systems in the <550 MHz category

| Southeast Area | 2001 | | · | | | · · · · · · · · · · · · · · · · · · · | т т | , | | , |
|---|----------------------|--|-------------------------|---|---|---|---|-------|---|----------|
| Capacity of Representative Cable System | Specific Capacity | Total MHz expected to be used for digital video transmission (from question 2) | Modulation technique | 1 | HDTV Program streams per 6 MHz | MHz expected to be devoted to standard definition video | SDTV program streams per 6 MHz | | | |
| >750 MHz* | | | | | | | | | | |
| 750 MHz | | 144 | 64 QAM | 0 | 0 | 0 | 8 | | | |
| 550-750 MHz** | | | | | | | | 1 | | |
| 550 MHz | | | | | | | | |] | |
| <550 MHz | 450 | 48 | 64 QAM | 0 | 0 | 0 | 8 | | | |

^{*} fill in a capacity greater than 750 MHz if applicable, or enter NA if no systems in the >750 MHz category

Please describe here any situations in which you plan to use different modulation techniques on a single system or on different systems in the same capacity class.

If the number of HDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

If the number of SDTV program streams per 6 MHz is expected to vary, please explain the range of variation here.

^{**} fill in a capacity between 550 and 750 MHz if applicable, or enter NA if no systems in the 550-750 MHz category

^{***} fill in a capacity below 550 MHz if applicable, or enter NA if no systems in the <550 MHz category

Adelphia has negotiated one retransmission consent agreement that provides for the conversion of a digital broadcast signal to analog format where there is sufficient capacity to add the signals. The station is WCYB-TV. The agreement covers the Tri-Cities, TN-VA Designated Market Area.

All other retransmission consent agreements that refer to digital transmissions provide that the parties will negotiate the terms of any carriage of such digital transmissions when the signals become available down the road. To date, such negotiations have not taken place.

Any pending retransmission consent negotiations do not involve digital transmissions.